# SERVICE MANUAL

(without price)

**ELECTRONIC CASH REGISTER**

# 140CR/PCR-272

**(EX-260)**

**FEB. 2009**

INDEX

CASIO®

# CONTENTS


**140CR/PCR-272** **PAGE**

1. SPECIFICATIONS ..... 1
2. MACHINE INITIALIZATION ..... 3
3. DISASSEMBLY ..... 4
4. CIRCUIT EXPLANATION ..... 12
5. DIAGNOSTIC OPERATION ..... 13
6. TROUBLESHOOTING ..... 18
7. PCB LAYOUT ..... 19
8. CIRCUIT DIAGRAMS ..... 20
9. PARTS LIST ..... 24

# 1. SPECIFICATIONS

## 1-1. Electrical specifications

| | | | | | |
|---|---|---|---|---|---|
| • Power consumption | In operation Max. | 120 V | 220 V | 230 V | 240 V |
| | | 0.1 A | 0.05 A | 0.05 A | 0.05 A |
| • Memory protection | Back-up battery<br>Back-up period<br>Battery life | Mangan Battery (UM-3×3 pcs)<br>1 year (25 °C)<br>Replace the battery every 1 years. | | | |
| • Clock & Calendar | Accuracy<br>Auto calendar | Within ± 30 sec. per month (25 °C)<br>Effective until 2099 A.D. | | | |

## 1-2. Environmental specifications

| | |
|---|---|
| • Operating temperature | 0 °C ~ 40 °C |
| • Operating humidity | 10 % ~ 95 % |
| • Storage temperature | -25 °C ~ 65 °C |
| • Storage humidity | 10 % ~ 95 % |
| • Vibration strength | 1.5 G (The machine must be in the carton box) |

## 1-3. Main components

| | | |
|---|---|---|
| • CPU | Name<br>Number of control bit | UPD780058BGC179-8BTA<br>8 bit |
| • Thermal printer | Name<br>Print method<br>MCBF | M-42V-009-040<br>Print wheel selecting type serial printer<br>700,000 lines |
| • Roll paper | Type<br>Size<br>Roll diam | Fine-quality paper<br>28 +0/-1 mm<br>80 mm or less |

## 1-4. Drawer List

| Type | Drawer Name | Specification |
|---|---|---|
| S | DL-1334 | D-21L2C-D53RM-4 |
| S | DL-1843 | D-21LC2-D54RM-4 |
| M | DL-2812 | D-25L2C-B84RM-4 |

## 1-5. Option List

| Device Name | Model | Note |
|---|---|---|
| • Roll paper | P-5860 | 58 × 12 × 60D |
| • Ink roll | | |
| • Water cover | WT-92 | |

**CAUTION**

**Danger of explosion if battery is incorrectly replaced.**

**Replace only with the same or equivalent type recommended**

**by the manufacturer.**

**Dispose of used batteries accordingto the manufacture's instructions.**

**VORSICHT !**

**Explosionsgefahr bei unsachgemäßem Austausch der Batterie.**

**Ersatz nur durch denselben oder einen vom Hersteller empfohlenen gleichwertigen Typ.**

**Entsorgung gebrauchter Batterien nach Angaben des Herstellers.**

**ADVARSEL !**

**Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.**

**Udskiftning má kun ske med batteri af samme fabrikat og type.**

**Levér det brugte batteri tilbage til leverandØren.**

## 2. MACHINE INTIALIZATION

### 2-1. To initialize the cash register

**Note: You must initialize the Cash register and install the memory protection batteries before you can program the cash register.**

1. Set the Mode Switch to OFF.
2. Load the memory protection batteries.
3. Plug the power cord of the cash register into an AC outlet.
4. Set the Mode Switch to REG.

### 2-2. To load the memory protection batteries

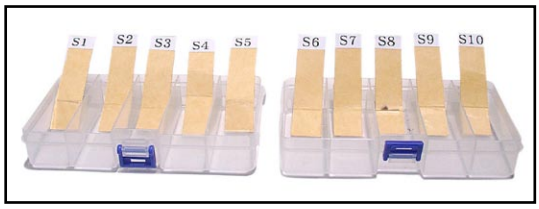
1. Remove the printer cover.
2. Open the battery compartment cover.
3. Load 3 new SUM-3 ("AA") type batteries into the compartment.
   Be sure that the plus (+) and minus (–) ends of each battery are facing in the directions indicated by the illustrations inside the battery compartment.

4. Replace the memory protection battery compartment cover back into place.
5. Replace the printer paper and printer cover.

**REPLACE MEMORY PROTECTION BATTERIES AT LEAST ONCE EVERY YEAR.**

## 3. DISASSEMBLY

Make sure to use correct Screws when assembling since there are several kinds of them. It is a good idea to sort them as shown in the right when disassembling.




### Disassembly Procedure

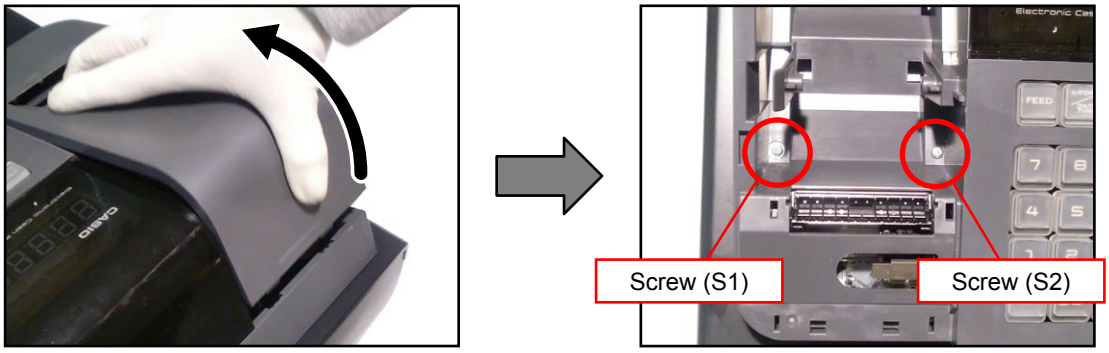
Disassemble the main units in the sequence shown below.

- A. Removing the UPPER CASE block
  - B. MODE-KEY-SW-ASSY
  - C. 7 SEGMENT LCD
  - D. MAIN PCB, PRINTER UNIT and MOTOR
    - E. KEY-BOARD-ASSY
- F. Removing the DRAWER CASE

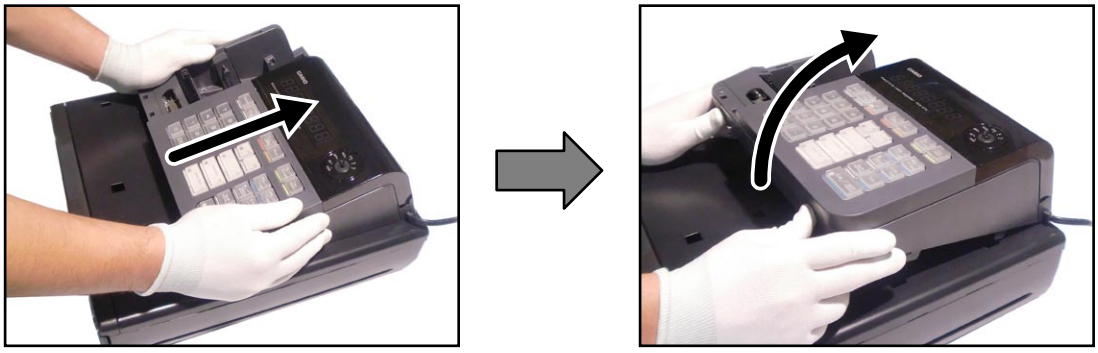
## A. Removing the UPPER CASE block

A-1. Remove the printer cover.

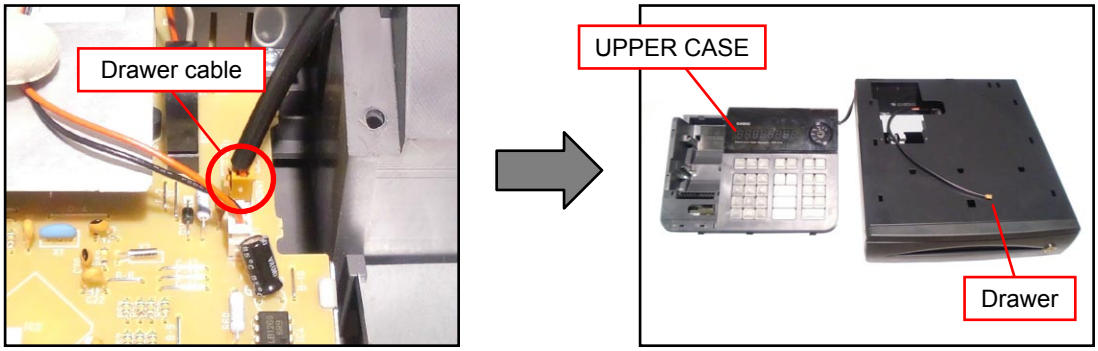
A-2. Remove two screws.




A-3. Remove the UPPER CASE.

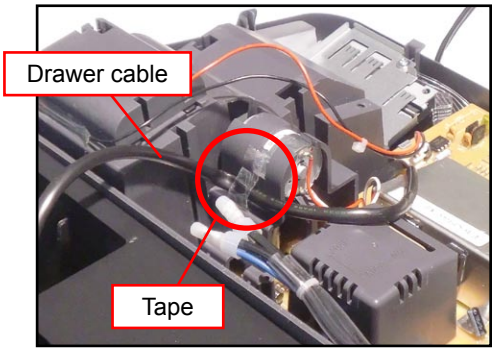


A-4. Remove the drawer cable.




**ASSEMBLING TIPS:**

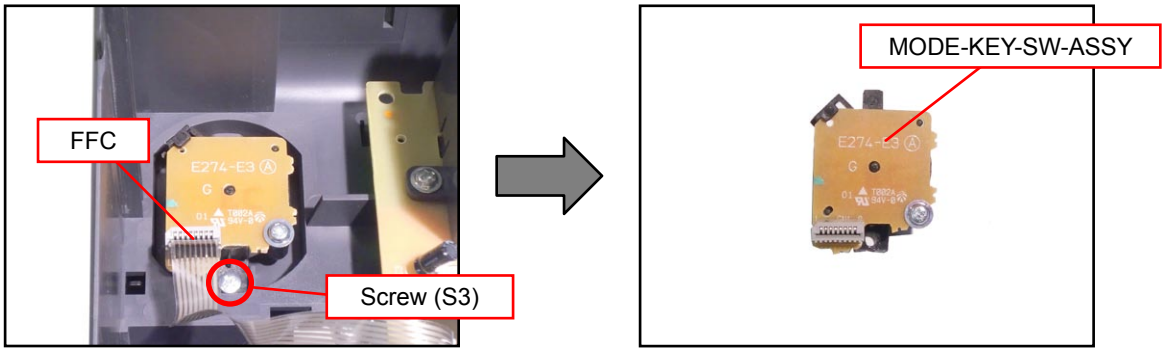
When assembling the UPPER CASE, be sure to fix the drawer cable with tape.



## B. Removing the MODE-KEY-SW-ASSY

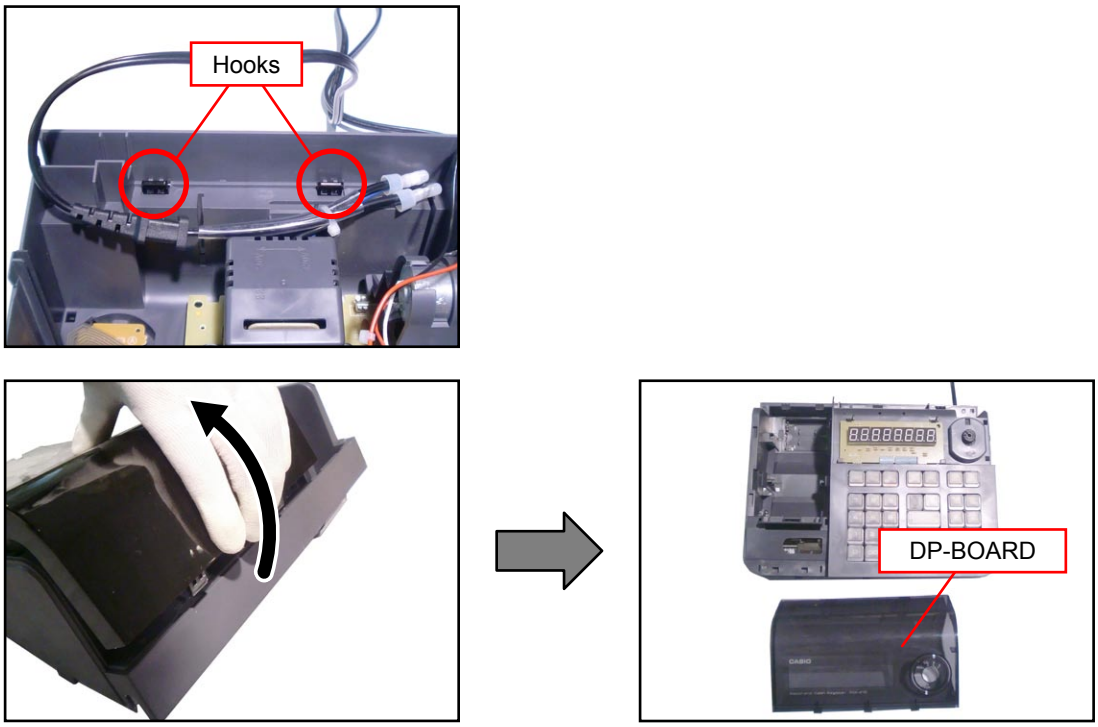
B-1. Remove the FFC.

B-2. Remove one screw and then remove the MODE-KEY-SW-ASSY.

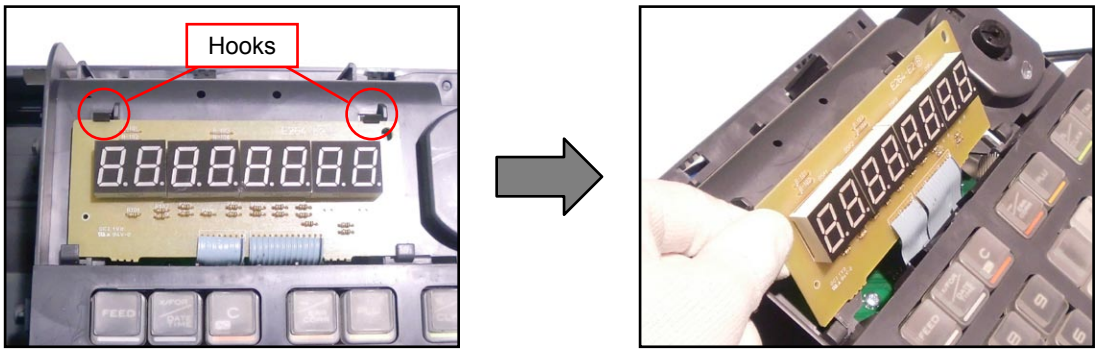



## C. Removing the 7 segment LCD

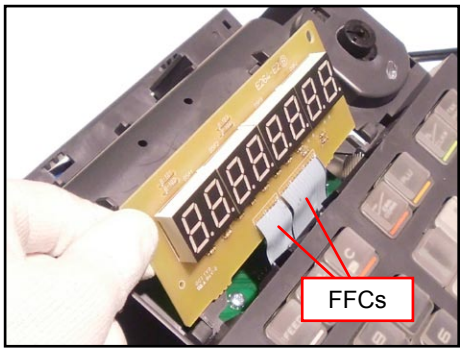
C-1. Remove two hooks and then remove the DP-BOARD.

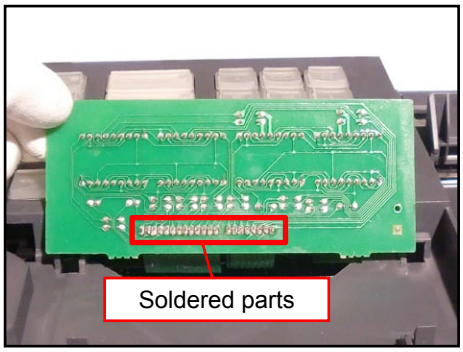



C-2. Remove two hooks and then remove the 7 SEGMENT LCD.



C-3. Unsolder two FCCs on the 7 segment LCD.



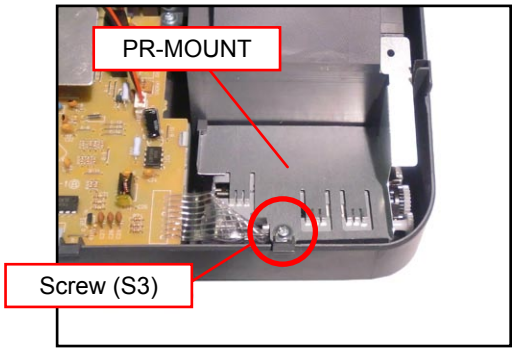

**ASSEMBLING TIPS:**

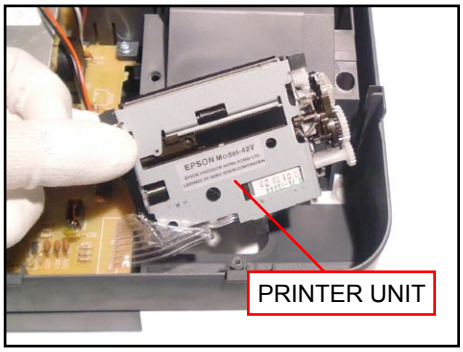
Start connecting from the NO.1 pin whose color is blue.

## D. Removing the MAIN PCB, PRINTR UNIT and MOTOR

D-1. Remove one screw and then remove the PR-MOUNT.

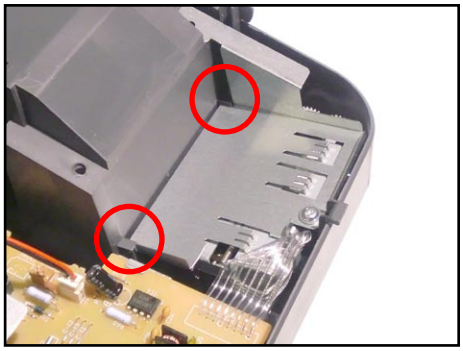
D-2. Remove the PRINTER UNIT.



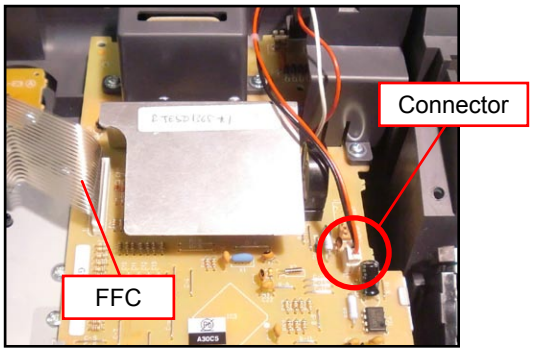




**ASSEMBLING TIPS:**

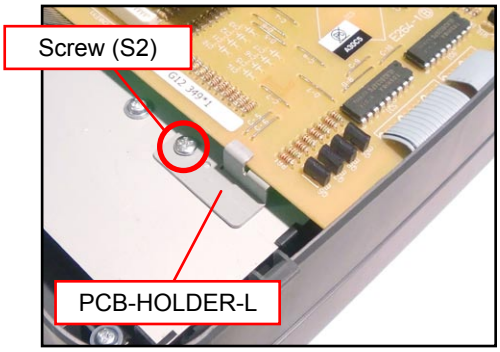
When assembling the PR-MOUNT, engage it between the UPPER-CASE and the PRINTER.



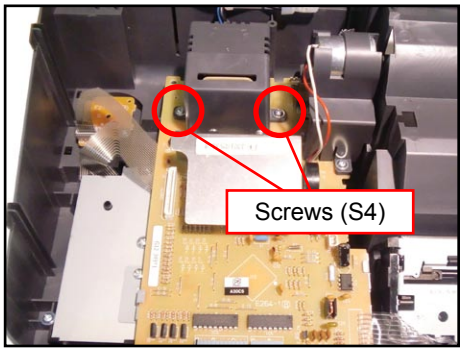
D-3. Remove one FFC and remove one connector.

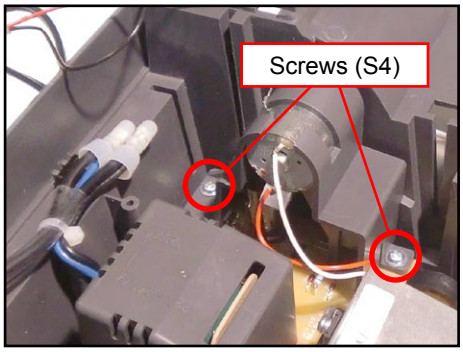



D-4. Remove one screw and then remove PCB-HOLDER-L.

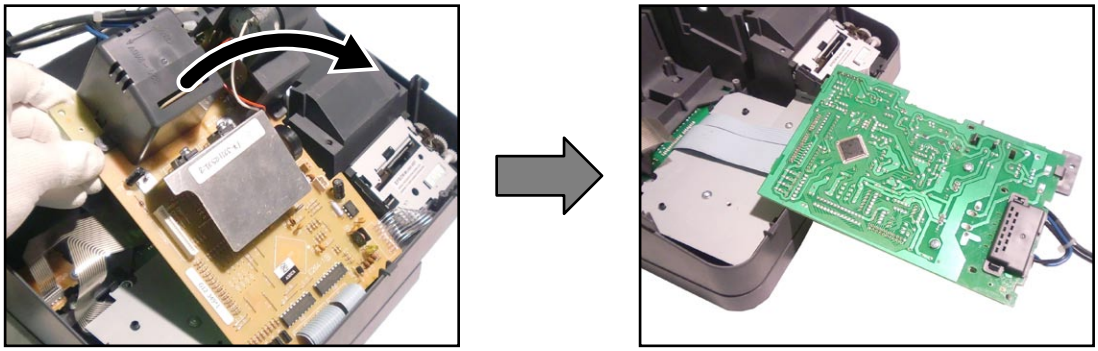



D-5. Remove four screws.

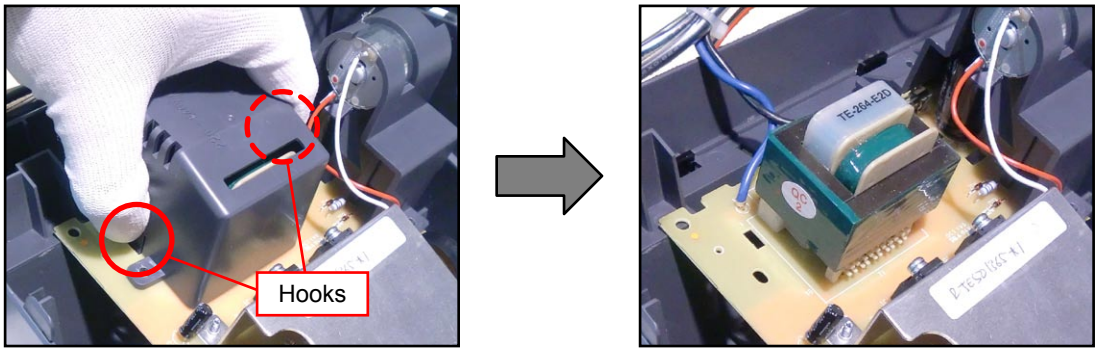



D-6. Remove the MAIN PCB.

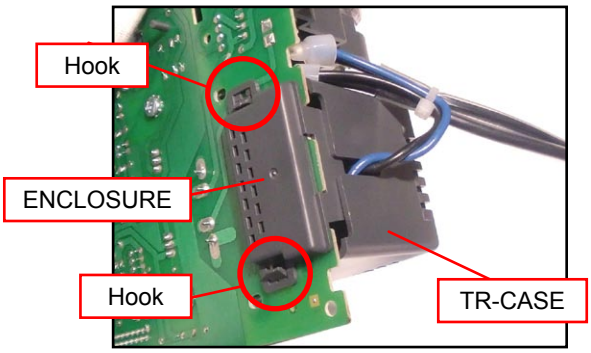


D-7. Remove two hooks and then remove the TR-CASE.
Use caution as the ENCLOSURE also comes off when disengaging the TR-CASE.

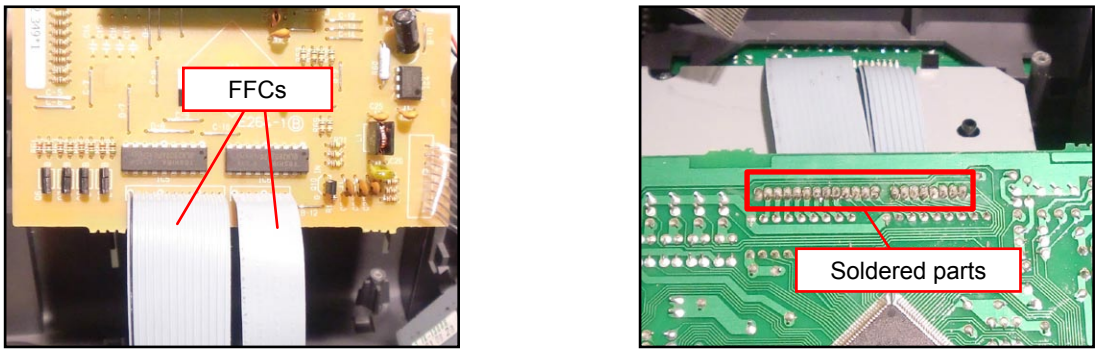



**ASSEMBLING TIPS:**

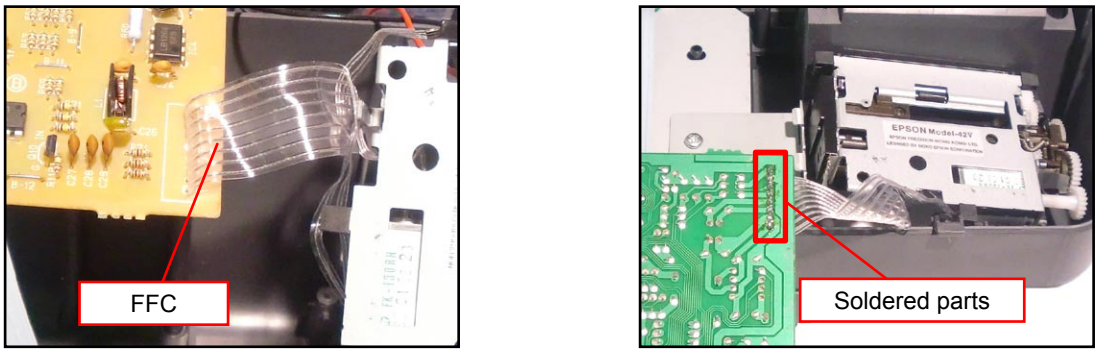
When assembling the TR-CASE, sandwich the MAIN PCB with the TR-CASE and the ENCLOSURE and then engage it with hooks.



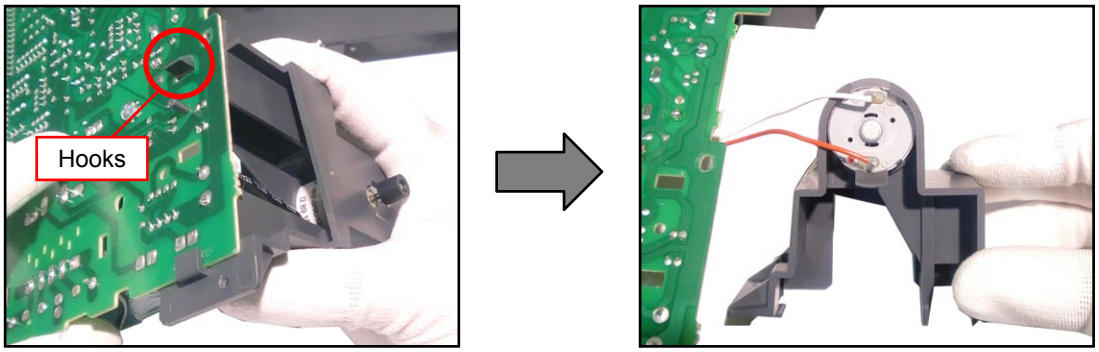

D-8. Unsolder two FCCs on the MAIN PCB.



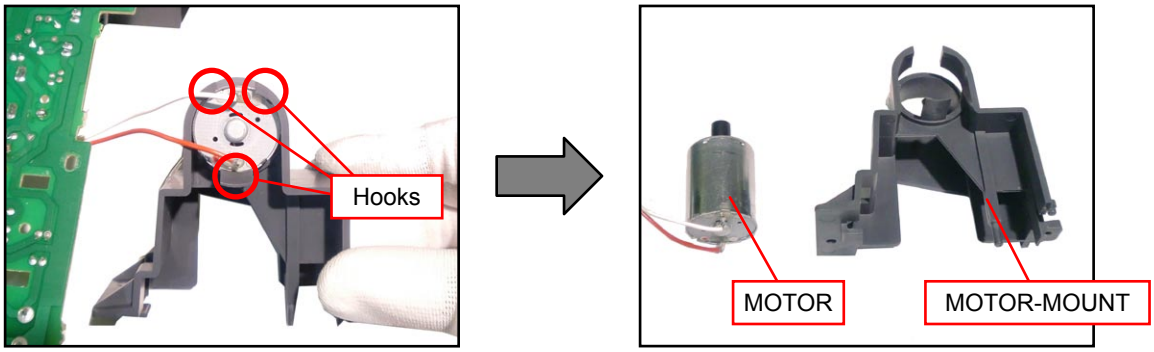

D-9. Unsolder a FCC on the PRINTER.



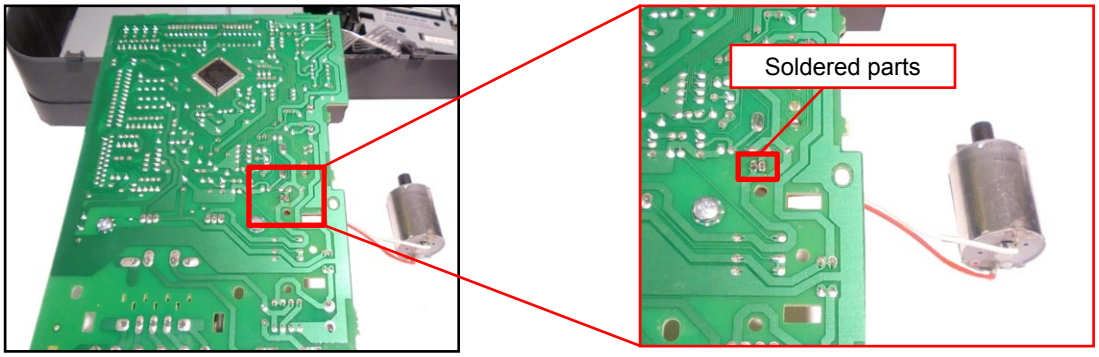
D-10. Remove one hook and then remove the MOTOR-MOUNT.




D-11. Remove three hooks and then remove the MOTOR.



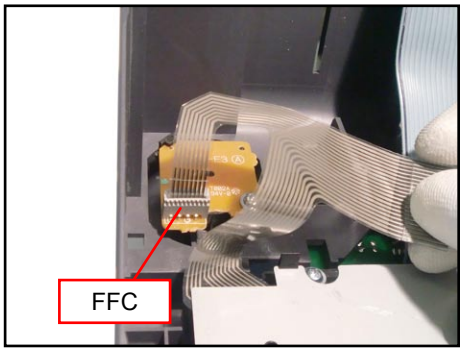

D-12. Unsolder two read wires on the MOTOR.

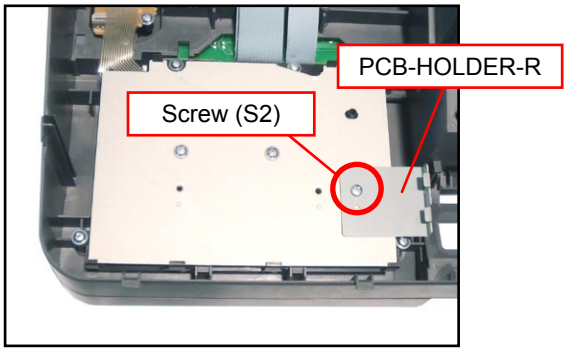


## E. Removing the KEY-BOARD-ASSY

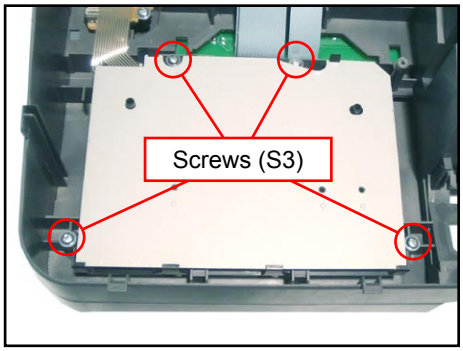
E-1. Remove the FFC.

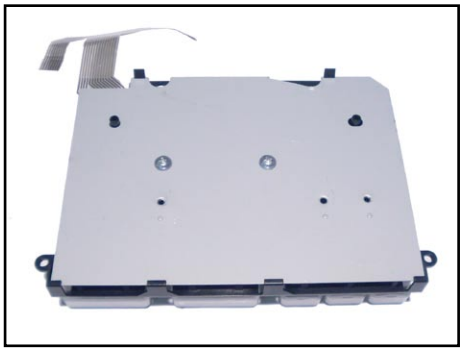
E-2. Remove one screw and then remove the PCB-HOLDER-R.

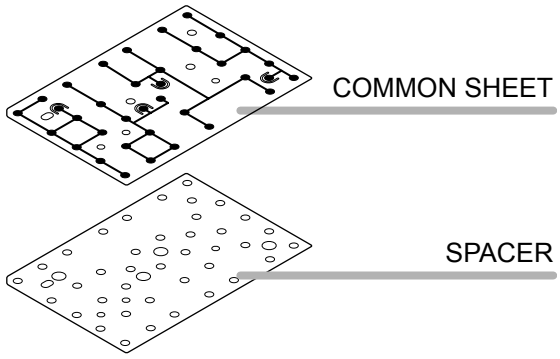


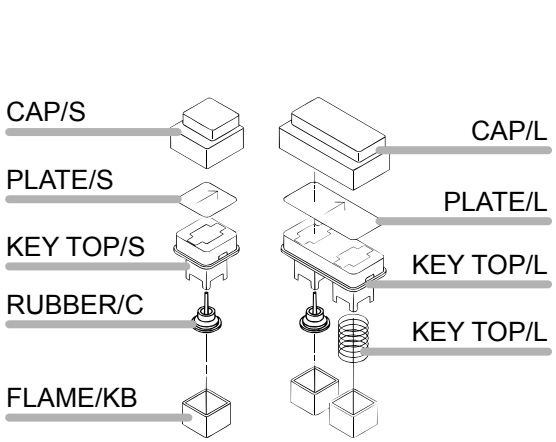



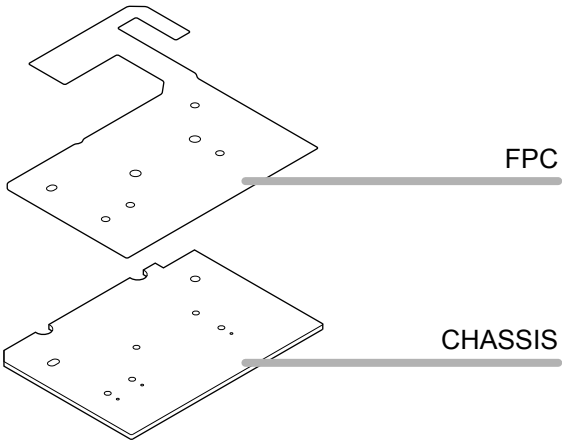

E-3. Remove four screws and then remove the KEY-BOARD ASSY.



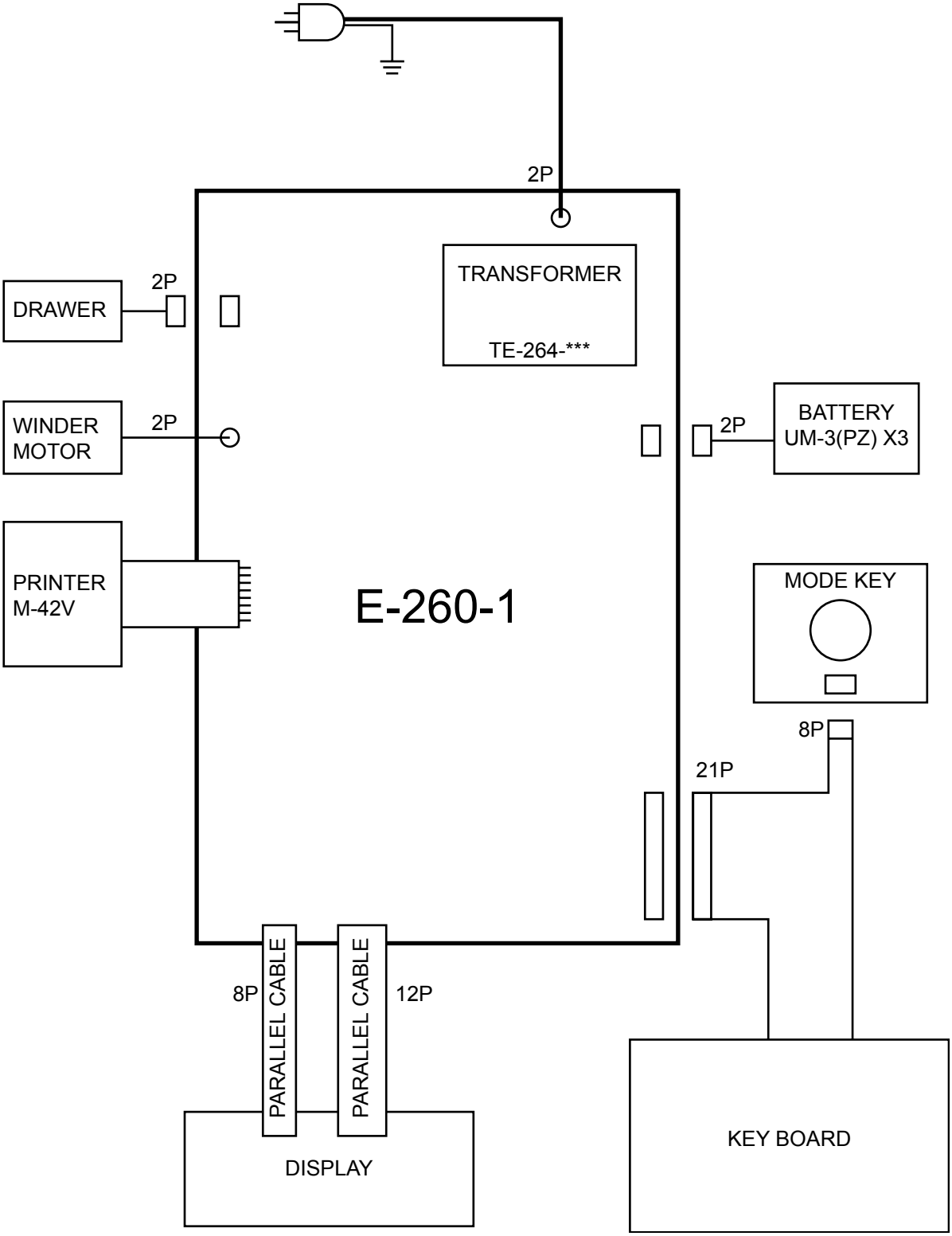


## 4. CIRCUIT EXPLANATION

### 4-1. BLOCK DIAGRAM



# 5. DIAGNOSTIC OPERATION

## 5-1. To start the diagnostic program

ECR enters the diagnostic mode by the following operation.

1. Turn the mode key to PGM.
2. Input “99990000” and “ST(SUB TOTAL)”.

Upon the above operation ECR prints the following and issues a receipt.

*** Note that the test mode will not boot if once a receipt has been issued in the REG/RF/X/Z mode.**

In this case, remove the battery and perform the above operation again.

```
2 0 0 0 - 0 0 - 0 0
0 0 - 0 0 # 0 0 0 1
-d1d2d3d4--d5d6d7
```

d1d2d3d4: Version No.

d5: Destination PAD

- 0: domestic
- 1: general export (ADD2)
- 2: US/Canada

d6:
- 0: tax spec
- 1: no tax spec
- “-”: overseas

07:
- 0: domestic
- “-”: overseas

*** “#” is not printed for US and Canada.**

## 5-2. Content of the Test

1. Displaying the Key Code..... Press any key other than the ten keys and clear key.
2. Displaying the Switch Condition..... Press the clear key, or change the status of switches.
3. Printing, Display and Drawer test..... One digit number + “ST(SUB TOTAL)” key

## 5-3. Displaying the Key Code

Press any key other than the ten keys and clear key to dipslay the hard key code as shown below.

(Display)

```
019
```

| | | |
|---|---|---|
| FEED | 029 | C |
| 7 | 8 | 9 |
| 4 | 5 | 6 |
| 1 | 2 | 3 |
| 0 | 011 | 012 |

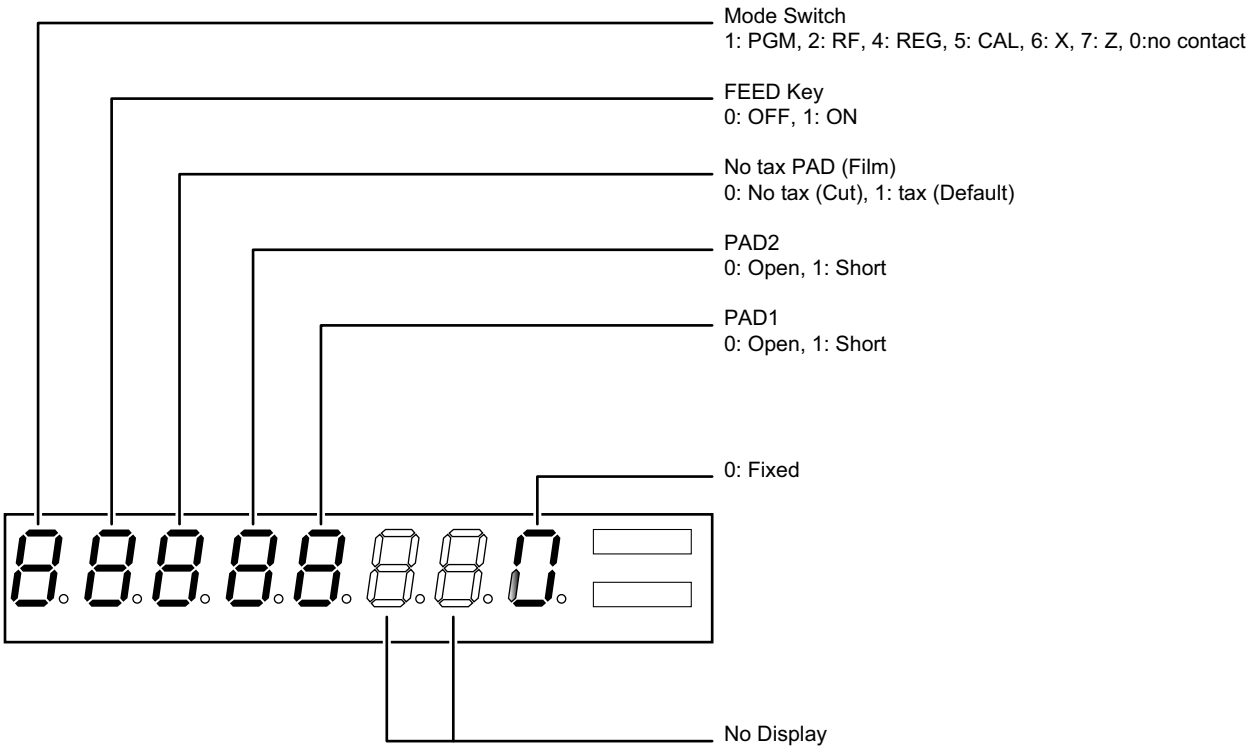
| | |
|---|---|
| 028 | 023 |
| 027 | 022 |
| 026 | |
| 025 | |
| 024 | |

| | |
|---|---|
| 021 | 017 |
| 020 | 016 |
| 019 | 015 |
| 018 | 014 |
| 013 | |

## 5-4. Displaying the Switch Condition

Press the clear key, or change the status of switches to display the current conditions.

[ DISPLAY ]




## 5-5. Check item

The following test can be checked in the diagnostic test.

| No | Device to be checked | Operation | Note | Page |
|---|---|---|---|---|
| 1 | BATCH TEST | 1 | Test Device :<br>Display, Time, Date,<br>Drawer, Printer | 14 |
| 2 | SWITCHING THE RECEIPT / JOURNAL | 2 | | 14 |
| 3 | BATTERY TEST | 7 | | 15 |
| 4 | PRINTER TEST | 8 | | 15 |
| 5 | TIME DISPLAY TEST | 9 | | 16 |

## 5-6. Operation of each test

### [ 1 ] BATCH TEST

[Operation]

Operation : | 1 | | ST (SUB TOTAL) |

(1) All lit in the display

(2) Time and date setting

(3) Drawer open.

(4) All lit

(display) :

| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | = |
|---|---|---|---|---|---|---|---|---|

↑ Transaction

(5) Waits for key input

(6) Time and date setting

Set the time and date at 23:59 on 31 December, 1994.

(7) Drawer open

(8) Test print

| US : | 1 2 3 4 5 6 7 8 9 0 1 2 S T # |
|---|---|
| Other than US : | 1 2 3 4 5 6 7 8 9 0 1 2 S T # |

(9) Test display

(display) :

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|---|---|---|---|---|---|---|---|---|

### [ 2 ] SWITCHING THE RECEIPT / JOURNAL

[Operation]

Operation : | 2 | | ST (SUB TOTAL) |

This test switches the printing between the receipt and the journal.

## [ 3 ] BATTERY TEST

[Operation]

Operation : | 7 | | ST (SUB TOTAL) |

This test displays the battery voltage value.

The battery voltage is displayed until a power down occurs.

(display) :

| B B B | BBB: battery voltage |
|---|---|

Ex) when the voltage is 2.56V, “BBS=256” is displayed.

## [ 4 ] PRINTER TEST

[Operation]

Operation : | 8 | | ST (SUB TOTAL) |

All the fonts are printed.

| US (Total of 14 digits) | | Other than US (Total of 12 digits) |
|---|---|---|
| 0 0 0 0 0 0 0 0 0 0 0 0 CAZ | | 0 0 0 0 0 0 0 0 0 0 0 0 CAZ |
| 1 1 1 1 1 1 1 1 1 1 1 1 CH1 | | 1 1 1 1 1 1 1 1 1 1 1 1 CH1 |
| 2 2 2 2 2 2 2 2 2 2 2 2 RA2 | | 2 2 2 2 2 2 2 2 2 2 2 2 RA2 |
| 3 3 3 3 3 3 3 3 3 3 3 3 PO3 | | 3 3 3 3 3 3 3 3 3 3 3 3 PO3 |
| 4 4 4 4 4 4 4 4 4 4 4 4 NT4 | | 4 4 4 4 4 4 4 4 4 4 4 4 NT4 |
| 5 5 5 5 5 5 5 5 5 5 5 5 STCK | | 5 5 5 5 5 5 5 5 5 5 5 5 STCK |
| 6 6 6 6 6 6 6 6 6 6 6 6 AT+ | | 6 6 6 6 6 6 6 6 6 6 6 6 AT+ |
| 7 7 7 7 7 7 7 7 7 7 7 7 CG- | | 7 7 7 7 7 7 7 7 7 7 7 7 CG- |
| 8 8 8 8 8 8 8 8 8 8 8 8 TXX | | 8 8 8 8 8 8 8 8 8 8 8 8 TXX |
| 9 9 9 9 9 9 9 9 9 9 9 9 RF@ | | 9 9 9 9 9 9 9 9 9 9 9 9 RF@ |
| | ←Blank line | ———————— |
| ————————✳# | | e e e e e e e e e e e e ✳# |
| • • • • • • • • • • • • %NS | | • • • • • • • • • • • • %NS |
| , , , , , , , , , , , , VDTA | | # # # # # # # # # # # # VDTA |

**[ 5 ] TIME DISPLAY TEST**

[Operation]

Operation : | 9 | | ST (SUB TOTAL) |

Time is displayed until the clear key is pressed or a power down occurs.

---

**[ 6 ] ENDING THE TEST MODE**

To leave the test mode, remove the battery (AUTO MAC).

# 6. TROUBLESHOOTING

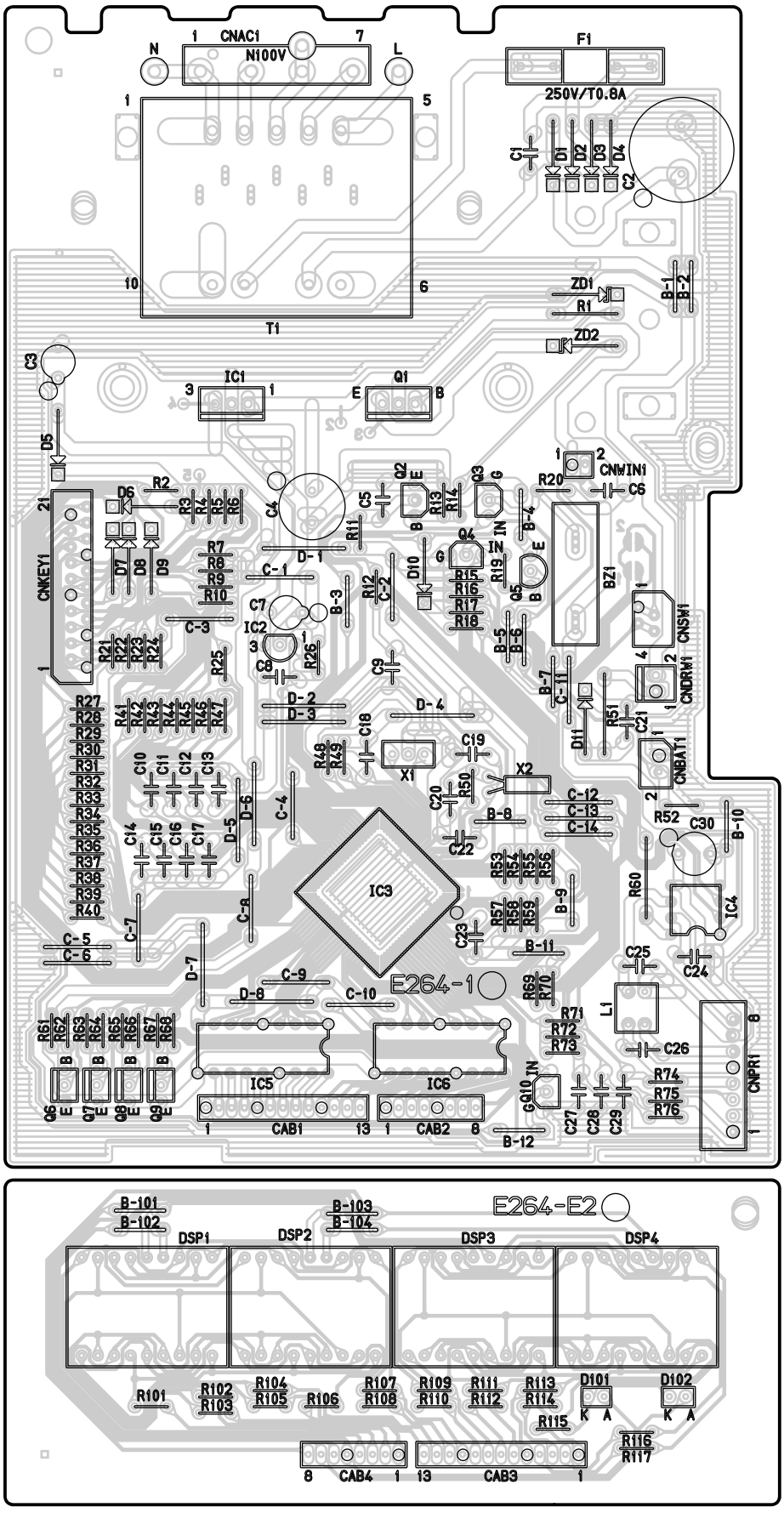
## 140CR

| | Symptom/Problem | Most common causes | Solutions |
|---|---|---|---|
| 1 | E01 appears on the display. | Changing modes without completing transaction. | Return mode switch to where it stops buzzing and press [= CA/AMT TEND]. |
| 2 | E08 appears on the display. | Sign on operation is not performed. | Prior to starting registration of any other operation, press [1] ~ [8] and then [%/CLK#]. |
| 3 | E94 appears on the display. | Printer paper is jammed. | Remove jammed paper. Turn Mode switch to OFF then turn to ON, or Turn power OFF and then turn power ON. |
| 4 | No date on receipt.<br>Paper is not advancing enough. | Printer is programmed as a journal. | Program printer to print receipts. |
| 5 | Drawer opens up after ringing up only one time. | Department is programmed as a single item dept. | Program the dept. as a normal dept. |
| 6 | Not clearing totals at end of day after taking report. | Using X mode to take out reports. | Use Z mode to take out reports. |
| 7 | Programming is lost whenever register is unplugged or there is a power outage. | Bad or no batteries. | Put in new batteries. |
| 8 | Register is inoperative.<br>Can't get money out of drawer. | No power. | Pull lever underneath register at rear. |
| 9 | E90 appears on the display. | Totals remain in the memory. | Issue the general control reset report, periodic reset report and PLU reset report. |

## PCR-272

| | Symptom/Problem | Most common causes | Solutions |
|---|---|---|---|
| 1 | E01 appears on the display. | Changing modes without completing transaction. | Return mode switch to where it stops buzzing and press [= CA/AMT TEND]. |
| 2 | E08 appears on the display. | Sign on operation is not performed. | Prior to starting registration of any other operation, press [1] ~ [8] and then [%/CLK#]. |
| 3 | E94 appears on the display. | Printer paper is jammed. | Remove jammed paper. Turn Mode switch to OFF then turn to ON, or Turn power OFF and then turn power ON. |
| 4 | No date on receipt.<br>Paper is not advancing enough. | Printer is programmed as a journal. | Program printer to print receipts. |
| 5 | Drawer opens up after ringing up only one time. | Department is programmed as a single item dept. | Program the dept. as a normal dept. |
| 6 | Not clearing totals at end of day after taking report. | Using X mode to take out reports. | Use Z mode to take out reports. |
| 7 | Programming is lost whenever register is unplugged or there is a power outage. | Bad or no batteries. | Put in new batteries and program again. |
| 8 | Register is inoperative.<br>Can't get money out of drawer. | No power. | Pull lever underneath register at rear. |

## 7. PCB LAYOUT


CNAC1
N100V
F1
250V/T0.8A
T1
IC1
Q1
CNWIN1
CNKEY1
CNSW1
CNDRW1
CNBAT1
BZ1
IC2
IC3
IC4
IC5
IC6
X1
X2
L1
CNPR1
CAB1
CAB2
CAB3
CAB4
E264-1
E264-2
DSP1
DSP2
DSP3
DSP4

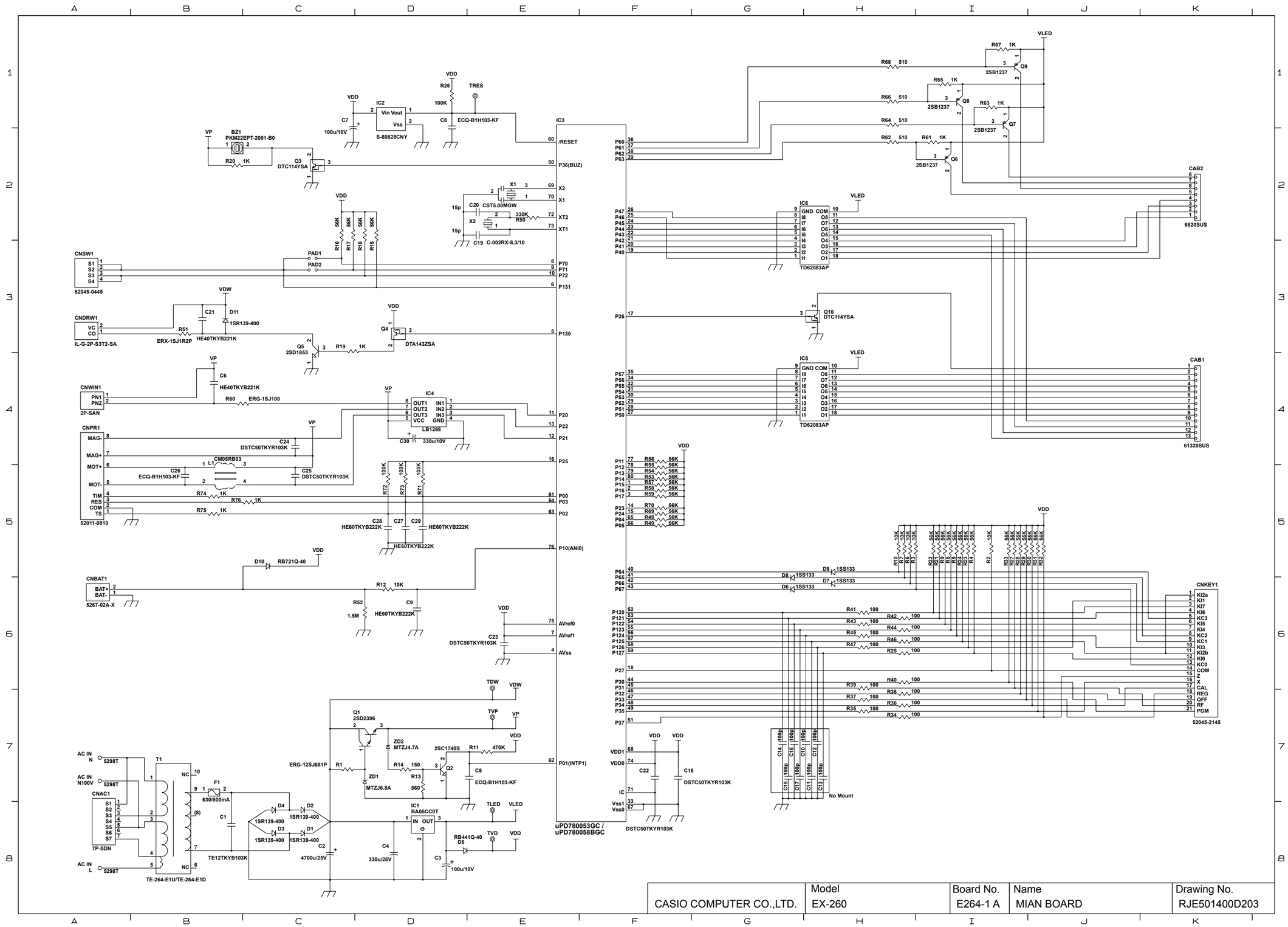
## 8. CIRCUIT DIAGRAM

# MODEL : 140CR/PCR-272

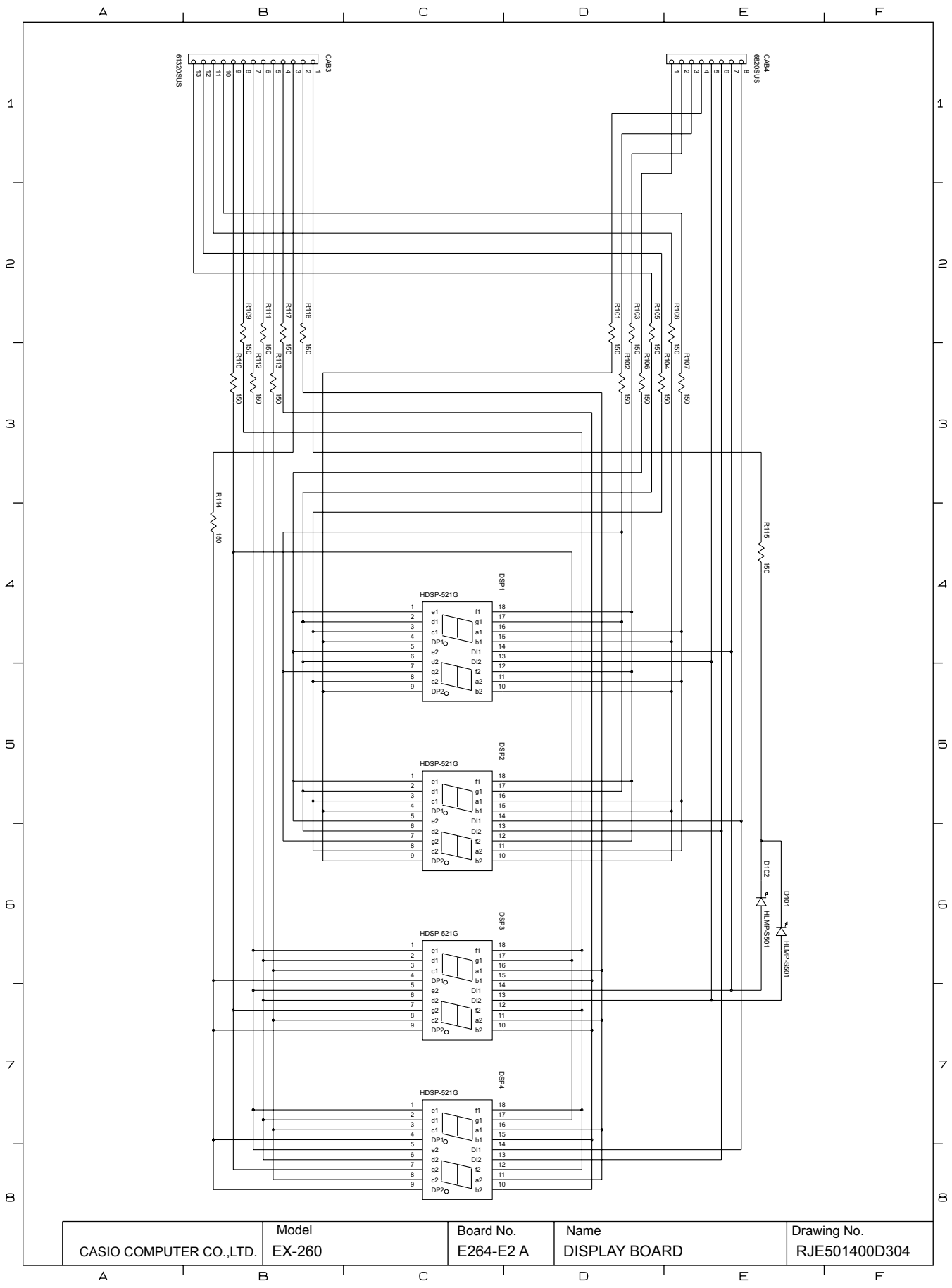
(EX-260)

CONTENTS

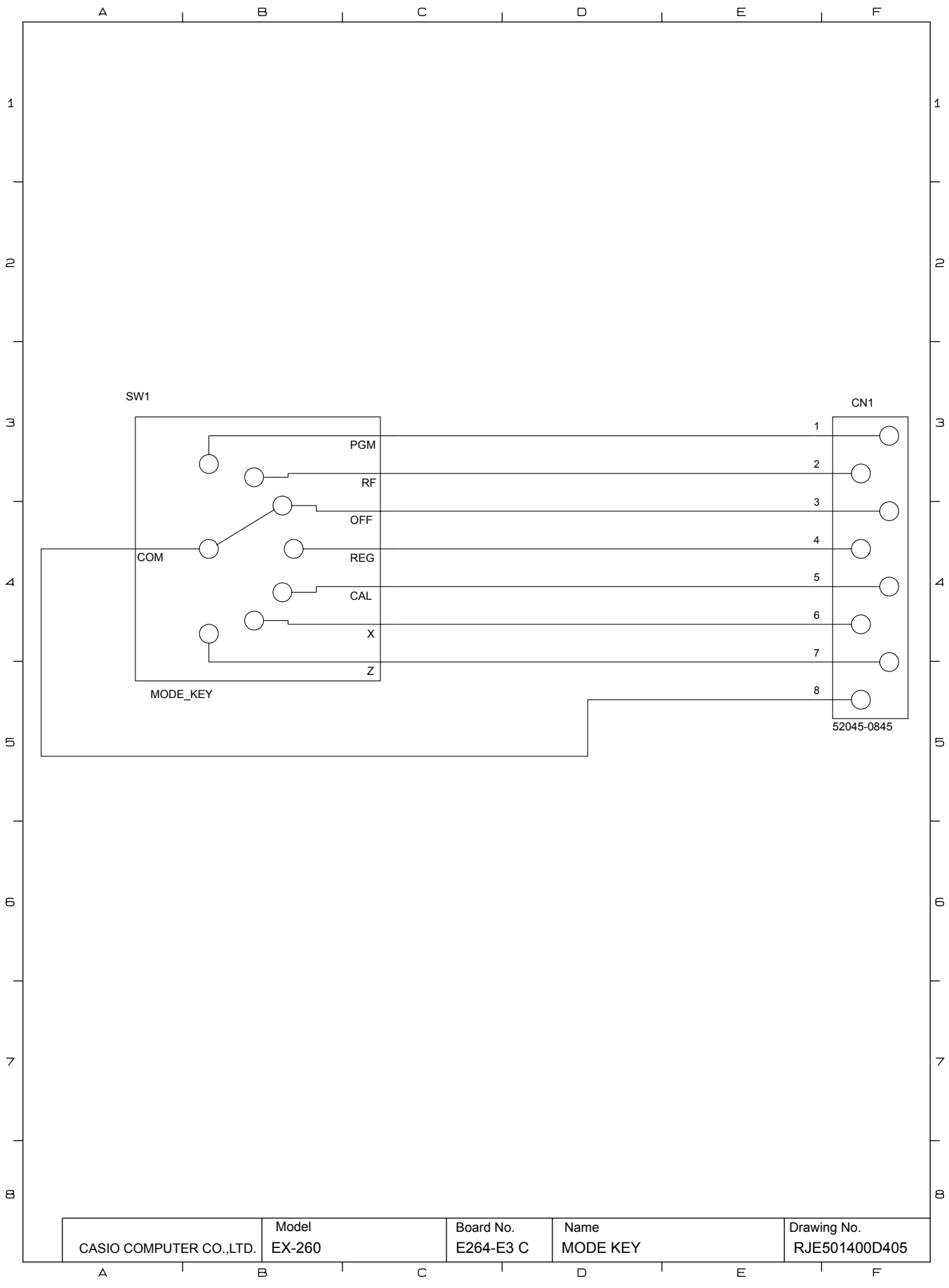

1. MAIN PCB CIRCUIT ..... 21
2. DISPLAY PCB CIRCUIT ..... 22
3. MODE KEY PCB CIRCUIT ..... 23




| CASIO COMPUTER CO.,LTD. | Model | Board No. | Name | Drawing No. |
|---|---|---|---|---|
| | EX-260 | E264-1 A | MIAN BOARD | RJE501400D203 |




| CASIO COMPUTER CO.,LTD. | Model<br>EX-260 | Board No.<br>E264-E2 A | Name<br>DISPLAY BOARD | Drawing No.<br>RJE501400D304 |
|---|---|---|---|---|




| CASIO COMPUTER CO.,LTD. | Model<br>EX-260 | Board No.<br>E264-E3 C | Name<br>MODE KEY | Drawing No.<br>RJE501400D405 |
|---|---|---|---|---|

## 9. PARTS LIST

# MODEL : 140CR/PCR-272

(EX-260)


Explode view ..... 25

PARTS LIST
1. MAIN PCB BLOCK & DISPLAY BLOCK ..... 27
2. FINAL ASSY ..... 28
3. U-CASE ASSY ..... 28
4. KEY BOARD ASSY ..... 29

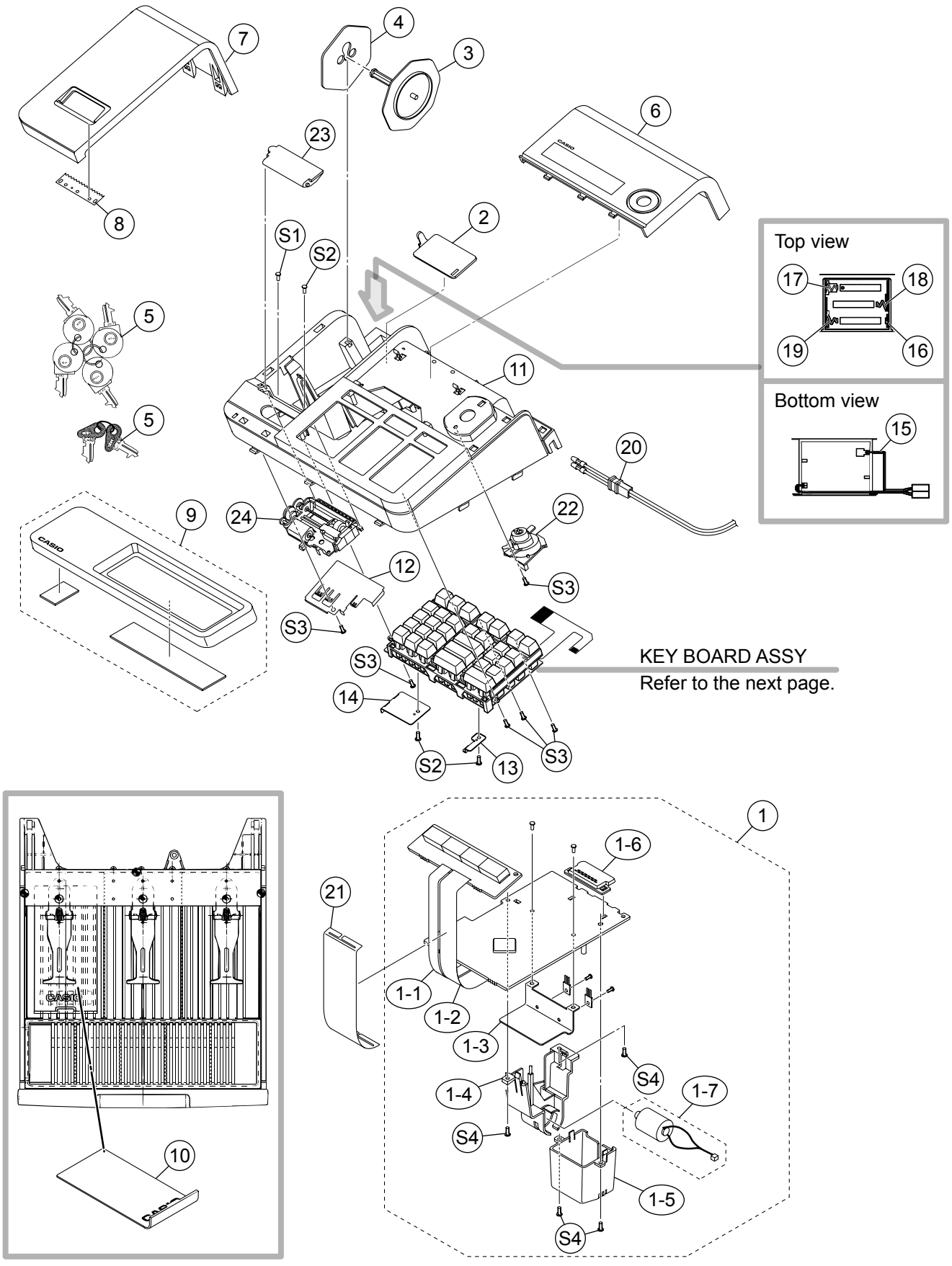
5. DRAWER S type (DL-1334/1843) ..... 30
6. DRAWER M type (DL-2812) ..... 32

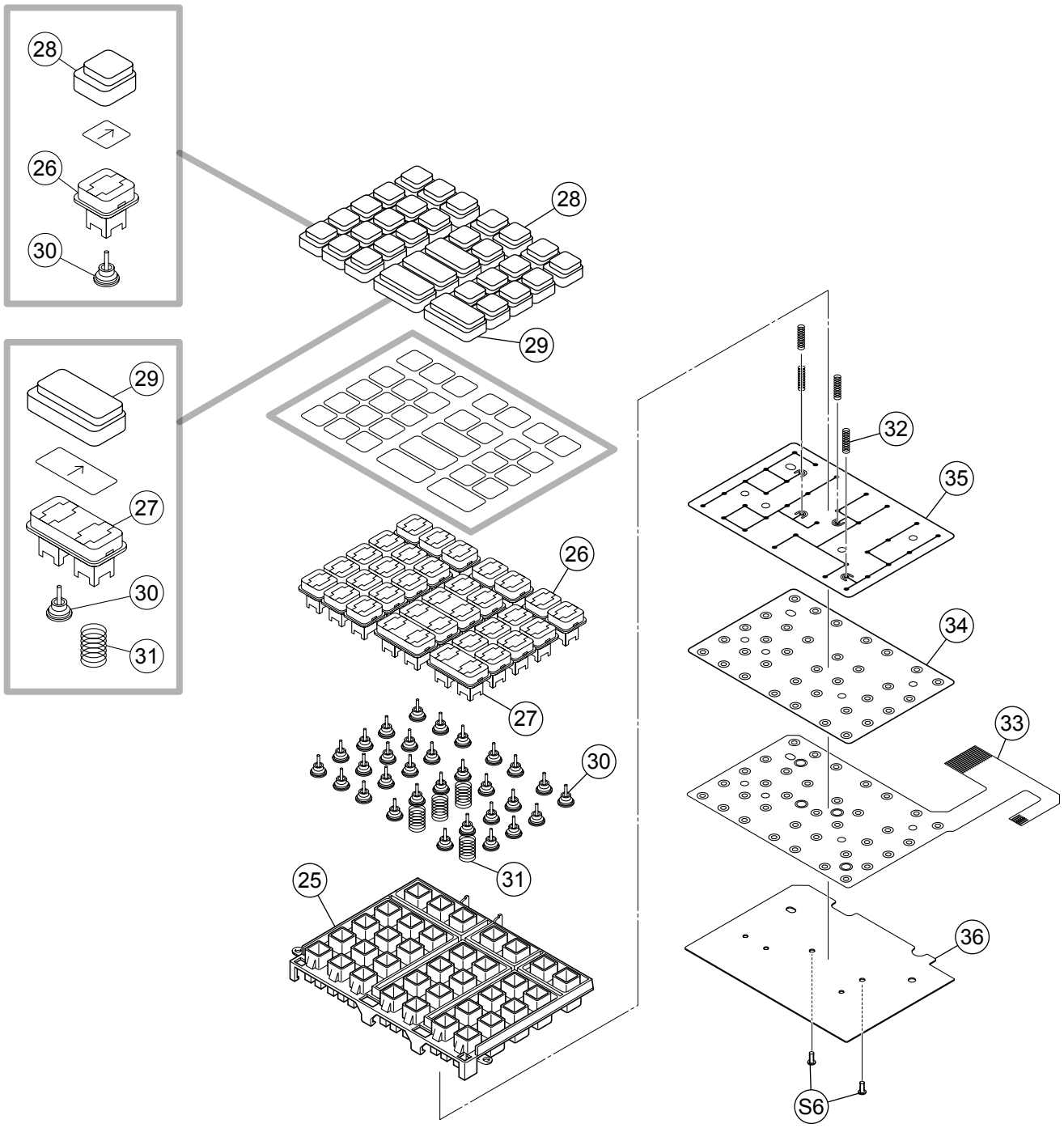

**NOTES :**

1. Price and specifications are subject to change withput prior notice.
2. As for spare parts order and supply, refer to the “GUIDEBOOK for Spare Parts Supply”, published separately.
3. The numbers in item column corespond to the same numbers in drawing.
4. CASIO does not supply the spare parts without parts code.
5. Remarks

Q'ty : Quantity used per unit
RANK: A = Essential
B = Stock recommended
C = Less recommended
X = No stock recommended

## EXPLODED VIEW




28
26
30
29
27
30
31
28
29
26
27
30
31
25
32
35
34
33
36
S6

**1 140CR-MB** **5 140CR-SB** **9 140CR-SC**
**2 140CR-MBUA** **6 140CR-SBUA** **10 140CR-SD**
**3 140CR-MBUG** **7 140CR-SBUG** **11 140CR-T**
**4 140CR-MBUK** **8 140CR-SBUK** **12 PCR-272**

| N | Item | Part No. | Part Name | Descriptions | QUANTITY | | | | | | | | | | | | Price Code | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| | **1. MAIN PCB BLOCK & DISPLAY BLOCK** | | | | | | | | | | | | | | | | | |
| | **1** | 10334574 | PCB ASSY/E260-A | TK-RJE503032*001 | | | | | | | | | 1 | | | 1 | DE | A |
| | **1** | 10334572 | PCB ASSY/E260-A | TK-RJE503032*002 | 1 | | | | 1 | | | | | 1 | | | DE | A |
| | **1** | 10334573 | PCB ASSY/E260-A | TK-RJE503032*003 | | 1 | 1 | 1 | | 1 | 1 | 1 | | | | | DH | A |
| | **1** | 10334575 | PCB ASSY/E260-A | TK-RJE503032*005 | | | | | | | | | | | 1 | | DH | A |
| | **1-1** | 10329185 | CABLE/PARALLEL | RJE503039-1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AD | C |
| | **1-2** | 10329186 | CABLE/PARALLEL | RJE503039-2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **1-3** | | HEAT SINK/E260 | RJE501355-2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | C |
| | **1-4** | 10326339 | MOUNT/MOTOR | RJE502998-1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **1-5** | 10328860 | CASE/TRANSFORMER | RJE503004-1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AD | C |
| | **1-6** | 10328861 | ENCLOSURE | RJE503005-1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **1-7** | 10334576 | ASSY/MOTOR | TK-RJE503034*001 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AW | A |
| | IC1 | 10195663 | IC | BA05CC0T | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AL | C |
| | IC2 | 10195674 | IC/RESET | S-80828CNY-Z-G | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AD | C |
| | IC3 | 10191510 | LSI | D780058BGC179-8BTA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | BI | C |
| | IC4 | | IC | LB1268-E | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | IC5,6 | | IC | TD62083APG(5,J,S) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | X1 | | CRYSTAL/CERAMIC | CSTLS5M00G56-A0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | X2 | | CRYSTAL | C-002RX-8.3/10-LF | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | Q1 | | TRANSISTOR | 2SD2396(JK) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | Q2 | | TRANSISTOR | 2SC1740STP(QRS) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | Q3,10 | | TRANSISTOR | DTC114YSA-TP | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | Q4 | | TRANSISTOR | DTA143ZSA-TP | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | Q5 | | TRANSISTOR | 2SD1853-AA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | Q6-Q9 | | TRANSISTOR | 2SB1237TU2(QR) | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | DSP1-4 | | 7seg LED | ZDD-05612G-21A | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | D1-4,11 | | DIODE | 1SR139-400T-32 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | D5 | | DIODE | RB441Q-40T-77 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | D6-9 | | DIODE | 1SS133T-77 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | D10 | | DIODE | RB721Q-40T-77 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | ZD1 | | ZENER DIODE | MTZJT-77 6.8A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | ZD2 | | ZENER DIODE | MTZJT-77 4.7A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | L1 | | LINE FILTER | CM05RB03 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R1 | | RESISTOR/METAL PXIDE | ERG-12SJ681P | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R2,3,6,7,10,12 | | RESISTOR | CF12-103-JT26 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | R4,5,8,9,15-18, 21-24,27-33,48, 49,53-59,69,70 | | RESISTOR | CF12-563-JT26 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| | R11 | | RESISTOR | CF12-474-JT26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R13 | | RESISTOR | CF12-561-JT26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R14,101-117 | | RESISTOR | CF12-151-JT26 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | | |
| | R19,20,61,63, 65,67,74-76 | | RESISTOR | CF12-102-JT26 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | R25,R34-47 | | RESISTOR | CF12-101-JT26 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | | |
| | R26,71-73,118 | | RESISTOR | CF12-104-JT26 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | R62,64,66,68 | | RESISTOR | CF12-511-JT26 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | R50 | | RESISTOR | CF12-334-JT26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R51 | | RESISTOR/METAL PXIDE | ERX-1SJ1R2P | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R52 | | RESISTOR | CF12-155-JT26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | R60 | | RESISTOR/METAL PXIDE | ERG-1SJ100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | C1 | | CAPACITOR | CK45-B1H103KYR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | C2 | | CAPACITOR | UVR1E472MHD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | C3,7 | | CAPACITOR | UVR1A101MDD1TA | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | C4 | | CAPACITOR | UVR1E331MPD1TD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | C5,8,26 | | CAPACITOR | QYX1H103KTP3TA | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | C6,21 | | CAPACITOR | CK45-B1H221KYR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | C9,27-29 | | CAPACITOR | CK45-B1H222KYR | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | C18,22-25 | | CAPACITOR | RT-DSTC50TKYR103K | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | C19,20 | | CAPACITOR | RT-HE40TKCH150J | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | C30 | | CAPACITOR | UVR1A331MED1TA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |

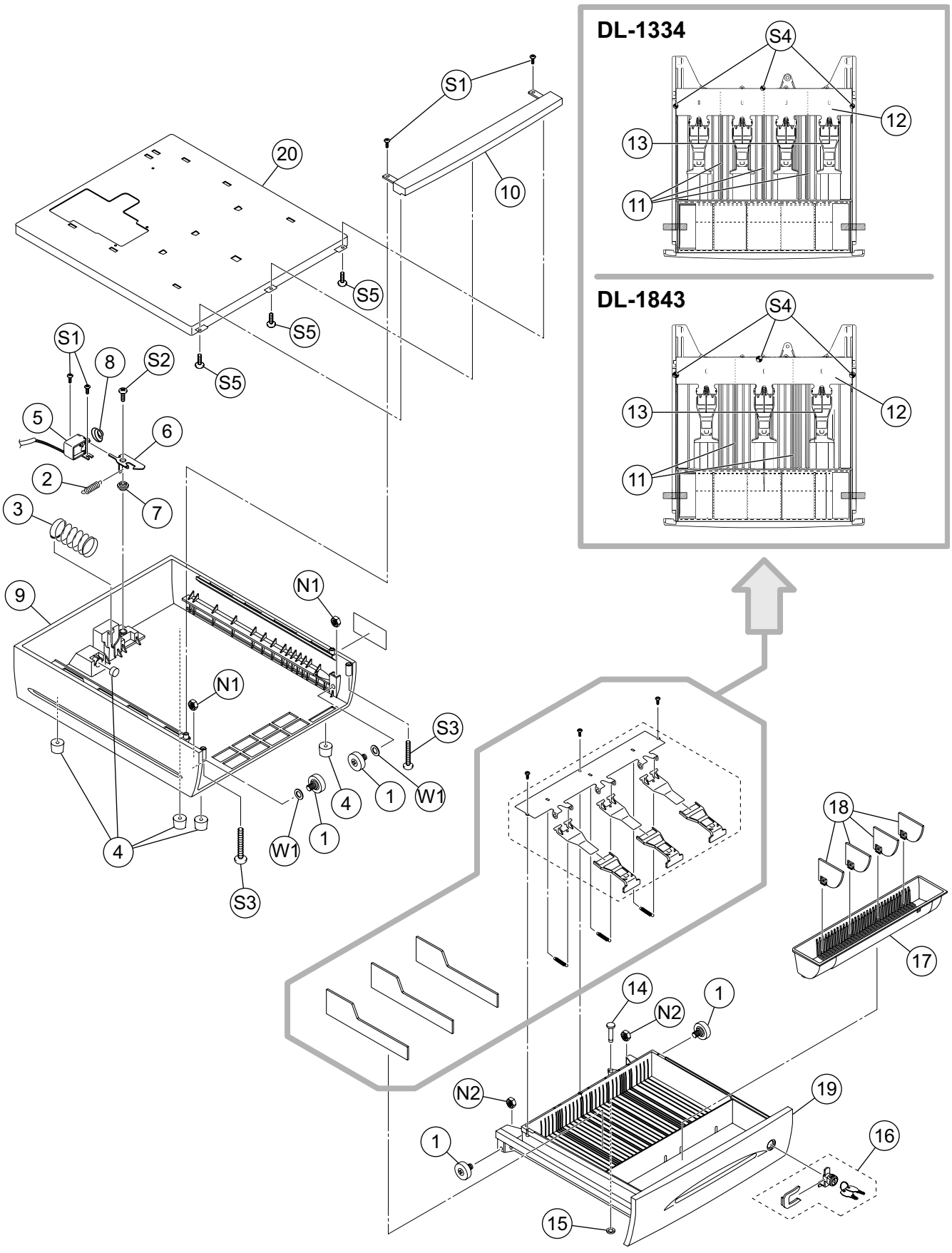
**1 140CR-MB** **5 140CR-SB** **9 140CR-SC**
**2 140CR-MBUA** **6 140CR-SBUA** **10 140CR-SD**
**3 140CR-MBUG** **7 140CR-SBUG** **11 140CR-T**
**4 140CR-MBUK** **8 140CR-SBUK** **12 PCR-272**

| N | Item | Part No. | Part Name | Descriptions | QUANTITY | | | | | | | | | | | | Price Code | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| | CNBTA1 | | CONNECTOR/BATTERY | 5267-02A-X | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | CNKEY1 | | CONNECTOR/KEY | IMSA-9604S-21C | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | CNDRW1 | | CONNECTOR/DRAWER | IL-G-2P-S3T2-SA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | BZ1 | 10241792 | BUZZER | AW1S22TEP-251Z | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AG | C |
| | F1 | 10201542 | FUSE | 0239.800MXP | | | | | | | | | 1 | | 1 | 1 | AB | A |
| | F1 | | FUSE | 0218.630MXP | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | | | A |
| | | 10195665 | CLIP/FUSE | FC51F | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | AA | A |
| | | | TRANSFORMER | TE-264-E1U | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | | | C |
| | | | TRANSFORMER | TE-264-E2D | | | | | | | | | 1 | | 1 | 1 | | C |
| | | 10195671 | CN SUB ASSY | RJE501362*001 | 1 | | | | 1 | | | | | 1 | | | AD | C |
| | | 10195669 | SWITCH ASSY | RJE501360*001 | | 1 | 1 | 1 | | 1 | 1 | 1 | | | 1 | | BH | B |
| | | 10195672 | WIRE SUB ASSY | RJE501364*001 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | | 10195673 | WIRE SUB ASSY | RJE501364*002 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | | | SCREW | WS 3 X 10 ZC | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | | SCREW | BA 3 X 8 ZC | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | **2. FINAL ASSY** | | | | | | | | | | | | | | | | | |
| | **2** | 10326707 | COVER/BATTERY | RJE500211-001V03 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **3** | 10326709 | PULLY/WIND | RJE501880-001V03 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AE | A |
| | **4** | 10285007 | SPOOL/PAPER | RJE502545-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | A |
| | **5** | 10254924 | SUBASSY/KEY SET | RJE500074*002V03 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | AJ | C |
| | **5** | 10325051 | SUBASSY/KEY SET | RJE503007*003V01 | | | | | | | | | 1 | | | 1 | AD | C |
| | **6** | 10325052 | BOARD/DISPLAY | RJE502996-001V01 | | | | | | | | | | | | 1 | AT | C |
| | **6** | | BOARD/DISPLAY | RJE502996-002 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | C |
| | **7** | 10325053 | COVER/PRINTER | RJE502997-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AN | C |
| | **8** | 10236319 | CUTTER/PAPER | E441364-003V02 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **9** | 10331637 | SUBASSY/TRAY | RJE503185*001V01 | 1 | 1 | 1 | 1 | | | | | | | | | AX | C |
| | **9** | 10325056 | SUBASSY/TRAY | RJE503008-001V01 | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AH | C |
| | **10** | 10233584 | SEPARATER/BILL | RJE500103-001V02 | | | | | 1 | | | | | 1 | | | AH | C |
| | **S1** | | SCREW | S-BDST-3X8ZC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | **S2** | | SCREW | S-PASEST-3X6Z3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | | SCREW | S-PAST-4X8ZC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | |
| | | | WASHER | W-ET-4Z3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | |
| | **3. U-CASE ASSY** | | | | | | | | | | | | | | | | | |
| | **11** | 10325045 | CASE/UPPER | RJE502995-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | BL | C |
| | **12** | 10325046 | MOUNT/PRINTER | RJE503000-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AE | C |
| | **13** | 10325047 | HOLDER/PCB/L | RJE503002-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **14** | 10325048 | HOLDER/PCB/R | RJE503003-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **15** | 10328981 | SUBASSY/BAT-CN | RJE503038*001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AC | C |
| | **16** | 63452238 | SPRING/BATTERY/G55 | A42606B-1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | **17** | 10294940 | SPRING/BATTERY/G67E | RJE502622-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | **18** | 10325049 | SPRING/BATTERY/B-1E | RJE502621-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | **19** | 10294939 | SPRING/BATTERY/B-2E | RJE502620-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | **20** | 10224253 | CODE/POWER | M2511-LF | 1 | | 1 | | 1 | | 1 | | | | | | AZ | C |
| | **20** | 10225548 | CODE/POWER | X-AU10S3-LF | | 1 | | | | 1 | | | | | | | BB | C |
| | **20** | 10224252 | CODE/POWER | MP5004-LF | | | | 1 | | | | 1 | | 1 | | | BG | C |
| | **20** | 10240732 | CODE/POWER | ME301-LF | | | | | | | | | 1 | | | 1 | AZ | C |
| | **20** | 10240731 | CODE/POWER | TW15CS3-LF | | | | | | | | | | | 1 | | BS | C |
| | **21** | 10193549 | SHEET/INS | RJE501394-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | **22** | 10334571 | ASSY/MODE KEY | TK-E341249*004V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AQ | C |
| | **23** | 10325050 | TABLE/W-E260BK | RJE502999-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AA | C |
| | **24** | 10259121 | PRINTER | M-42V-009-040ROB | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | CD | A |
| | **24** | 10259116 | PRINTER | M-42V-001-060MAROB | | | | | | | | | 1 | | | 1 | CB | A |
| | **S2** | | SCREW | S-BDST-3X8ZC | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | **S3** | | SCREW | S-BDPT-3X8ZC | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | **S4** | | SCREW | S-WLPT-3X12Z3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |

**1 140CR-MB** **5 140CR-SB** **9 140CR-SC**
**2 140CR-MBUA** **6 140CR-SBUA** **10 140CR-SD**
**3 140CR-MBUG** **7 140CR-SBUG** **11 140CR-T**
**4 140CR-MBUK** **8 140CR-SBUK** **12 PCR-272**

| N | Item | Part No. | Part Name | Descriptions | QUANTITY | | | | | | | | | | | | Price Code | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| **4. KEY BOARD ASSY** | | | | | | | | | | | | | | | | | | |
| | **25** | 10324974 | FLAME/KEY BOARD | RJE502981-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AJ | C |
| | **26** | 10324975 | KEY TOP/S | RJE502974-001V01 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | AA | C |
| | **27** | 10324988 | KEY TOP/L | RJE502979-001V01 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | AA | C |
| | **28** | 10324989 | CASP/S | RJE502975-001V01 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | AA | A |
| | **29** | 10324990 | CASP/L | RJE502980-001V01 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | AA | A |
| | **30** | 10167457 | RUBBER/CONTACT | RJE501209-002V01 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | AA | B |
| | **31** | 10193645 | SPRING/PRESS/A-E272 | E441298-001V03 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | AA | C |
| | **32** | 10193646 | SPRING/PRESS/B-E272 | E441298-002V03 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | AA | B |
| | **33** | 10327862 | FPC | RJE501097-002V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AK | B |
| | **34** | 10166178 | SPACER | RJE501103-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AB | C |
| | **35** | 10166179 | SHEET/COMMON | RJE501100-001V01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AH | B |
| | **36** | 10324991 | CHASSIS/KEY BOARD | RJE500682-002V02 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | AE | X |
| | **S5** | | SCREW | S-WLPT-3X8ZC | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

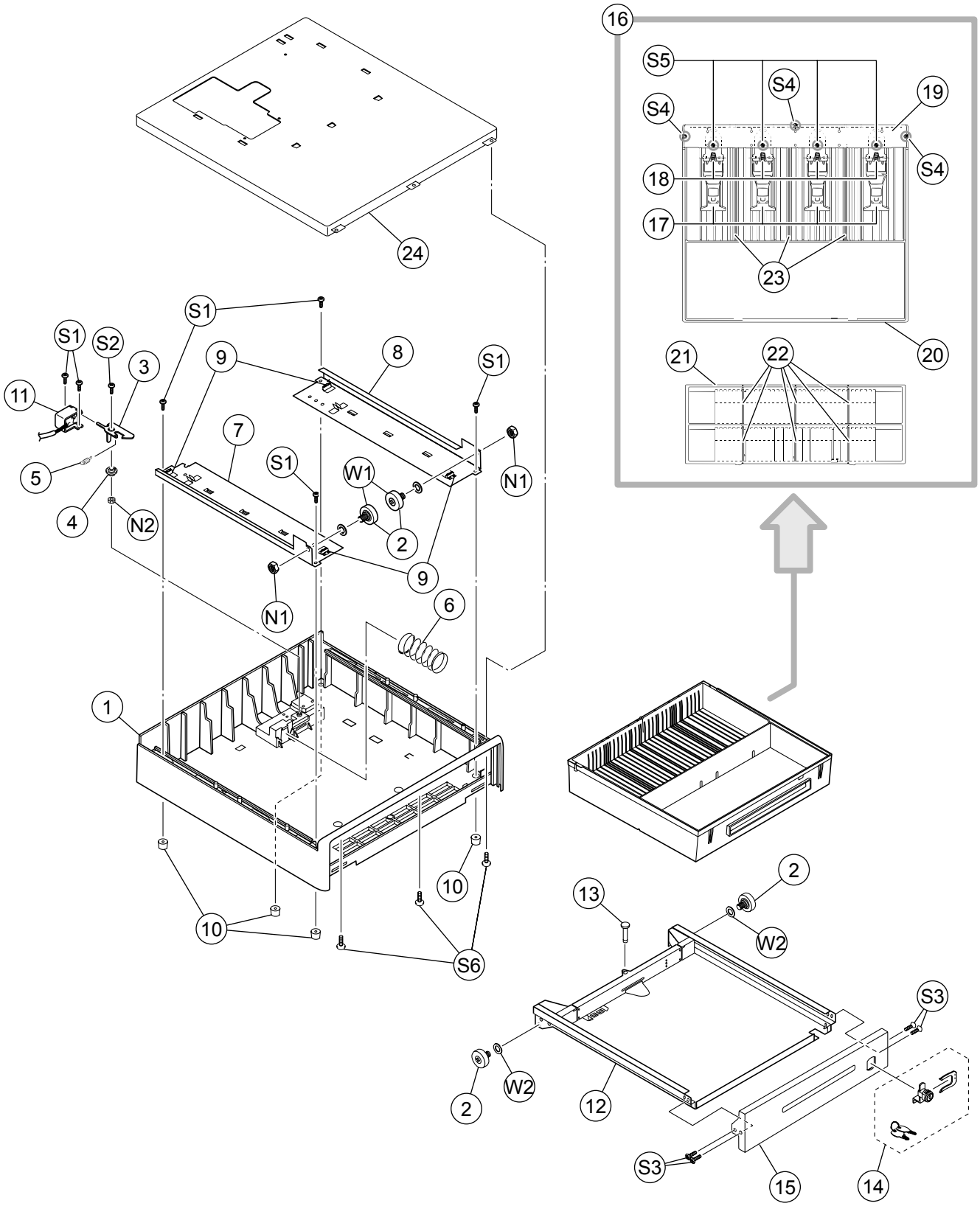
## 5. DRAWER S type (DL-1334 / DL-1843)



**1 DL-1334**
**2 DL-1843**

| N | Item | Part No. | Part Name | Descriptions | QUANTITY | | Price Code | R |
|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | | |
| | 1 | 55000878 | ROLLER/DELRIN | DR-19B2 | 4 | 4 | AF | B |
| | 2 | 10201068 | LOCK/SPRING | RJE500007-001V02 | 1 | 1 | AF | C |
| | 3 | 10194207 | SPRING/PRESS | E412137-001V02 | 1 | 1 | AA | C |
| | 4 | 10167366 | RUBBER/PAD | RJE501204-001V01 | 5 | 5 | AD | C |
| | 5 | 10080189 | SUB ASSY/SOLENOID | E341255*2 | 1 | 1 | AV | B |
| | 6 | 10259120 | LEVER/HOOK | RJE502182*001V01 | 1 | 1 | AD | C |
| | 7 | 10260417 | AXIS/LEVER HOOK | RJE502184-001V01 | 1 | 1 | AA | C |
| | 8 | 10267909 | SPRING/PLUNGER | RJE502245-001V01 | 1 | 1 | AA | C |
| | 9 | 10317352 | CASE/MAIN | RJE500670-003V05 | 1 | 1 | | B |
| | 10 | 10324884 | PLATE/FRONT | RJE502970-001V01 | 1 | 1 | AM | B |
| | 11 | 10298553 | PLATE/PARTITION | RJE500214-002V03 | 3 | 2 | AB | C |
| | 12 | 10231347 | SUB ASSY/BILL HOLDER | RJE501337*001V03 | 1 | | AQ | X |
| | 12 | 10231349 | SUB ASSY/BILL HOLDER | RJE501337*002V03 | | 1 | AR | X |
| | 13 | 10276626 | SPRING/BILL HOLDER | E441357-001V03 | 4 | 3 | AA | A |
| | 14 | 10238184 | RIVETS/COLD HEADED | T-CRTP-5X26Z3 | 1 | 1 | AA | X |
| | 15 | 55801452 | CS FIX | CSTW-5 | 1 | 1 | AA | X |
| | 16 | 10120527 | SUB ASSY/CAM LOCK | CL-16C | 1 | 1 | BA | C |
| | 17 | 10298558 | CASE/COIN | RJE500212-002V04 | 1 | 1 | AI | C |
| | 18 | 10298552 | SEPARATER/COIN | RJE500213-002V03 | 4 | 4 | AA | C |
| | 19 | 10317357 | CASE/BILL COIN | RJE500671-005V04 | 1 | 1 | | X |
| | 20 | 10324882 | COVER/TOP | RJE502986-001V01 | 1 | 1 | BU | X |
| | W1 | | WASHER | 11.5X6.5XT0.8 | 2 | 2 | | |
| | N1 | | NUT | 6 ZMC-3 | 2 | 2 | | |
| | N2 | | NUT | N-HXT2-6Z3 | 2 | 2 | | |
| | S1 | | SCREW | 3X8 ZMC-3,, | 4 | 4 | | |
| | S2 | | SCREW | S-WBPT-4X25Z3 | 1 | 1 | | |
| | S3 | | SCREW | S-PAPT-3X22Z3 | 2 | 2 | | |
| | S4 | | SCREW | S-PAB0-3X8Z3 | 3 | 3 | | |
| | S5 | | SCREW | S-BDPT-3X6Z3 | 3 | 3 | | |

## 6. DRAWER M type (DL-2812)



**DL-2812**

| N | Item | Part No. | Part Name | Descriptions | QUANTITY | Price Code | R |
|---|---|---|---|---|---|---|---|
| | 1 | 10324888 | CASE/MAIN | RJE502983-001V01 | 1 | BU | C |
| | 2 | 55000619 | ROLLER/DELRIN | DR-19B1 | 4 | AF | B |
| | 3 | 10236805 | LEVER/HOOK | E341286-001V03 | 1 | AF | C |
| | 4 | 10127603 | AXIS/LEVER HOOK | RJE500674-001V01 | 1 | AD | C |
| | 5 | 10201068 | LOCK/SPRING | RJE500007-001V02 | 1 | AA | C |
| | 6 | 62465010 | SPRING/PRESS | E412069-1 | 1 | AF | X |
| | 7 | 10078759 | RAIL/MLED18 | E240841-1 | 1 | AA | C |
| | 8 | 10078760 | RAIL/MRED18 | E240842-1 | 1 | AQ | C |
| | 9 | 10194208 | RUBBER/DUMPER | RJE500005-001V02 | 4 | AQ | X |
| | 10 | 10167366 | RUBBER/PAD | RJE501204-001V01 | 4 | AD | C |
| | 11 | 10080191 | SOLENOIDO SUB ASSY | E341301*4 | 1 | AD | B |
| | 12 | 10203849 | DRAWER SUB ASSY | E341274*001V03 | 1 | BC | X |
| | 13 | 52000106 | RIVET | 5X30 | 1 | BS | X |
| | 14 | 10272580 | LOCK/CYLINDER | RJE502350*001V01 | 1 | AA | C |
| | 15 | 10324878 | PANEL/FRONT | RJE502991-001V01 | 1 | AQ | C |
| | 16 | 10200516 | BILL COIN CASE ASSY | RJE501368*004V01 | 1 | BW | C |
| | 17 | 10230104 | SUB ASSY/ BILL HOLDER | E341290*002V04 | 4 | BW | A |
| | 18 | 10276626 | SPRING/BILL HOLDER | E441357-001V03 | 4 | AC | A |
| | 19 | 10194233 | PLATE/BILL HOLDER | E240845-001V02 | 1 | AA | X |
| | 20 | 10298565 | CASE/BILL | E140505-002V03 | 1 | AK | X |
| | 21 | 10298559 | CASE/COIN | RJE500217-002V02 | 1 | BK | C |
| | 22 | 10298554 | SEPARATER/COIN | RJE500216-002V02 | 6 | AY | B |
| | 23 | 10298555 | SEPARATER/BILL | RJE500219-002V02 | 3 | AA | B |
| | 24 | 10324887 | COVER/TOP | RJE502987-001V01 | 1 | AB | C |
| | N1 | | 6-NUT | N-HXT1-6Z3 | 2 | | |
| | N2 | | 6-NUT | N-HXT1-4Z3 | 1 | | |
| | W1 | | WASHER | W-6X13-1.0Z3 | 2 | | |
| | W2 | | WASHER | 6X13X1.0 ZMC-3 | 2 | | |
| | S1 | | SCREW | S-WSPT-4X10Z3 | 6 | | |
| | S2 | | SCREW | S-PADLMA-4X25Z3 | 1 | | |
| | S3 | | SCREW | 3X10 NI | 4 | | |
| | S4 | | SCREW | 3X8 ZMC-3,, | 3 | | |
| | S5 | | SCREW | 3X5 NI... | 4 | | |
| | S6 | | SCREW | S-BDPT-3X8Z3 | 3 | | |

**CASIO COMPUTER CO.,LTD.**

Overseas Service Division

6-2, Hon-machi 1-Chome
Shibuya-ku, Tokyo 151-8543, Japan